

ABSTRACT OF THE DISCLOSURE

A conductive layer and a connection electrode of the image sensor are directly in contact with each other and are electrically connected to each other, so that a conventional conductive connector is unnecessary. The cost is reduced by omitting the conductive connector, and the cost is further reduced by reducing the processes. Since the conductive connector is unnecessary, accuracy is not required upon manufacturing, so that an image sensor of lower cost is provided. An opening portion is provided to form a new pixel capacitor between the conductive layer and a polar plate of the pixel capacitor section, so that the pixel capacitance is increased without largely changing the conventional processes.